

AMENDMENTS TO THE SPECIFICATION

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

A process for obtaining a heating fluid as indirect heat source for carrying out endothermic reactions, includes the steps of feeding a flow comprising hydrocarbons and a gas flow comprising oxygen to a combustor wherein such flows are suitably compressed. The hydrocarbons are burned in the presence of the oxygen in the combustor thus obtaining the high temperature fluid comprising carbon dioxide and oxygen.